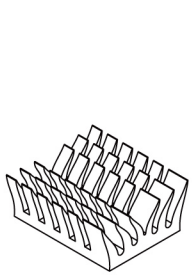
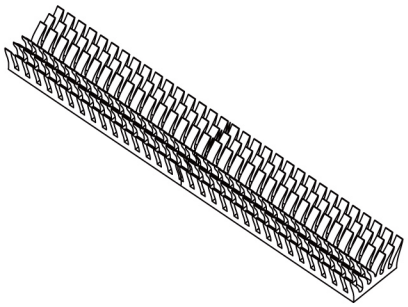
HR-03 GTX 285/260 Heatsink Pack Manual

Apply the additional aluminum heatsinks to where as depicted in the illustrations.

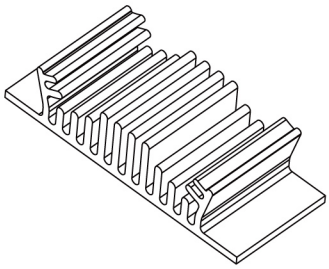
(When applying the VRM heatsinks, other than the contact with the chips they're designed for, make sure the heatsinks are not touching other chips to prevent a possible short-circuit)



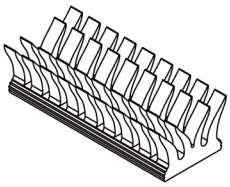
Heatsink-1 x 4



Heatsink-2 x 1

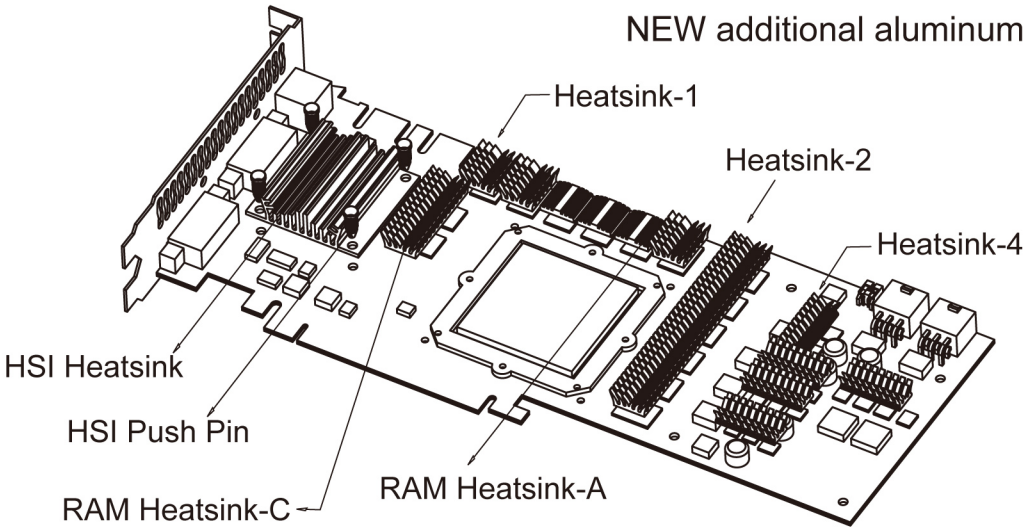


Heatsink-3 x 1



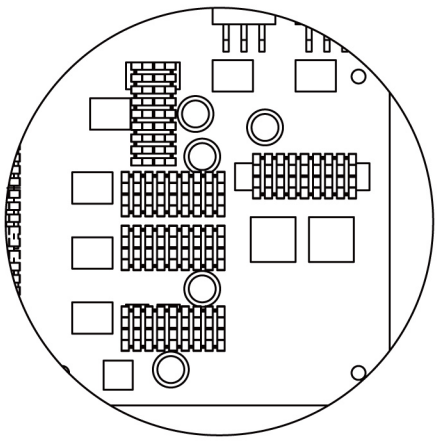
Heatsink-4 x 5

NEW additional aluminum heatsinks



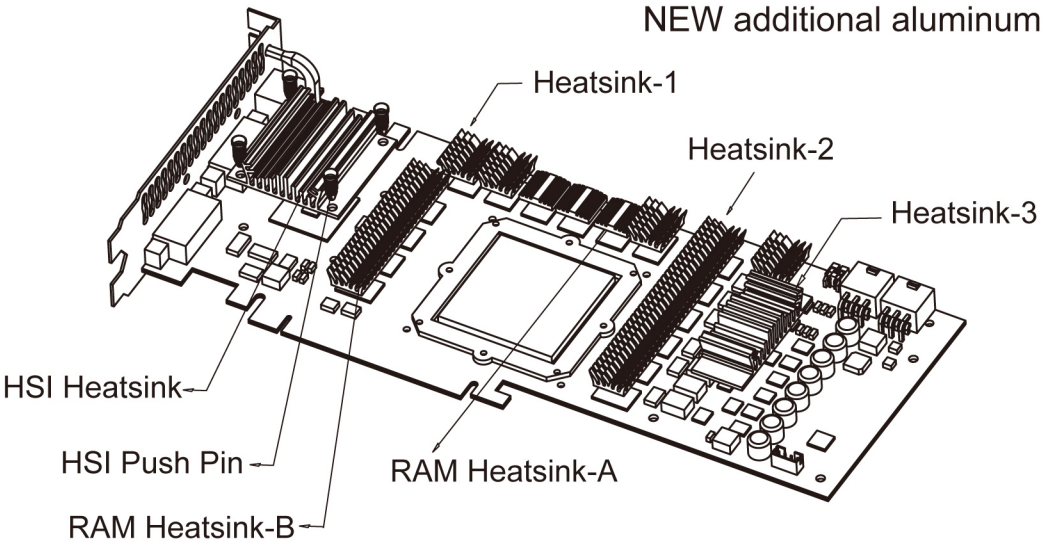
Original aluminum heatsink pack that came with the HR-03 GTX

GTX260 (55nm)



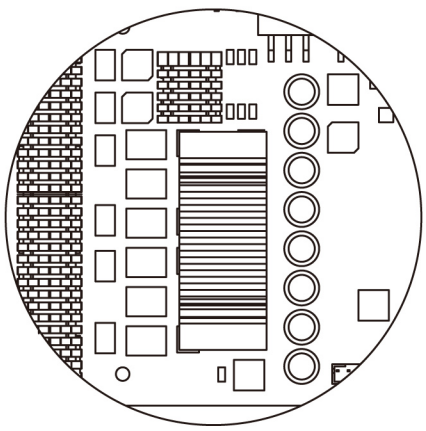
GTX260 (55nm)
Inset of VRM part

NEW additional aluminum heatsinks



Original aluminum heatsink pack that came with the HR-03 GTX

GTX285

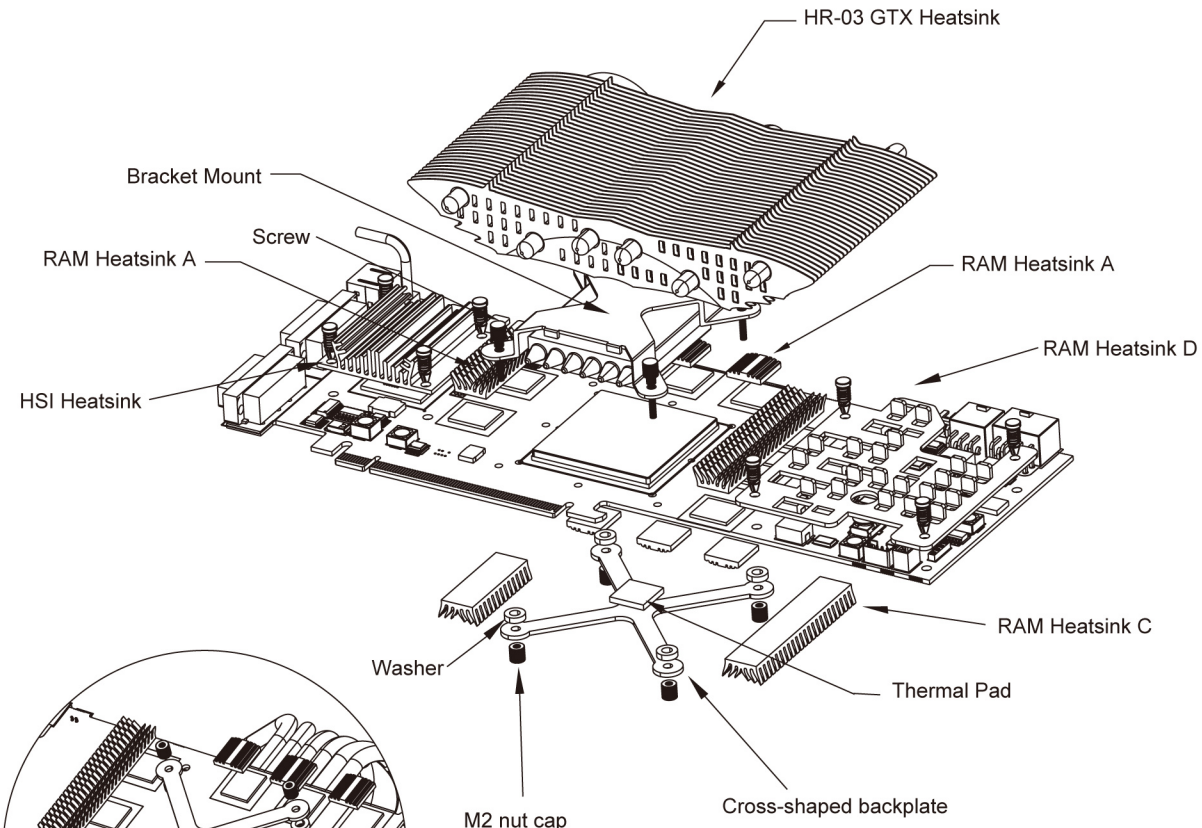


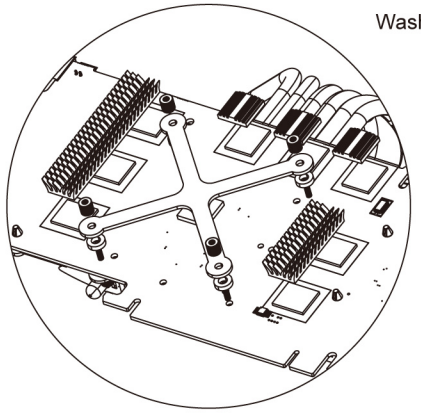
GTX285
Inset of VRM part

Note: When installing on a GTX280 or GTX260, a 120mm fan must be used.

Exploded View

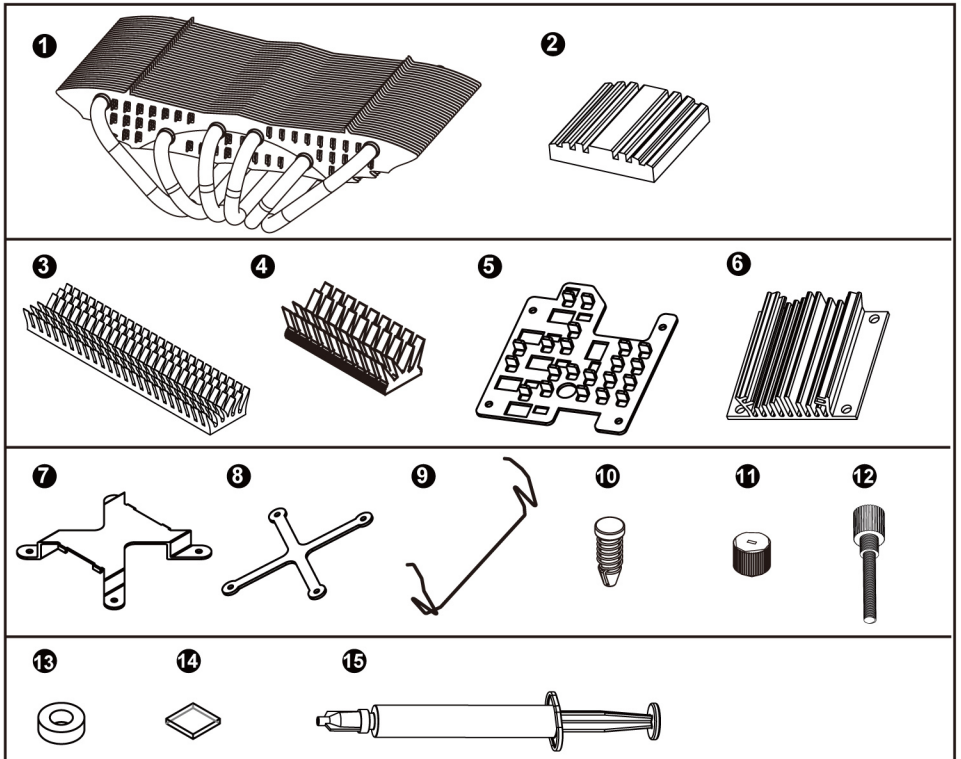
Important! Before proceeding with installation, please check for the most up-to-date instructions at **www.thermalright.com**





Backside Illustration

Component

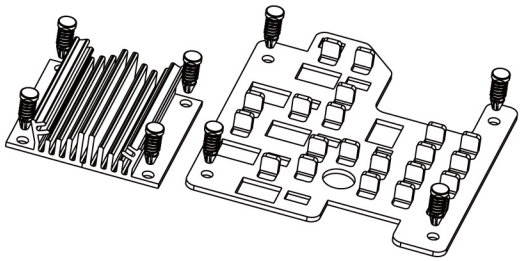


Parts Name	Piesce(s)	Parts Name	Piesce(s)
1 HR-03 GTX Heatsink	1	9 120mm Fan Wire Clip	2
2 RAM Heatsink A	6	10 HSI Push Pin	8
3 RAM Heatsink B	2	11 M2 nut cap	4
4 RAM Heatsink C	2	12 M2 Screw	4
5 RAM Heatsink D	1	13 Washer	4
6 HSI Heatsink	1	14 Thermal Pad	1
7 Bracket Mount	1	15 Thermal Paste	1
8 Cross-shaped backplate	1		

Installation

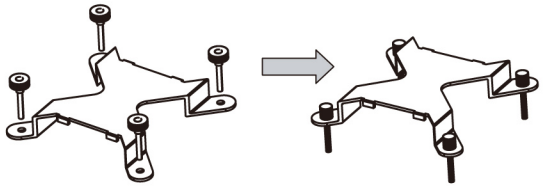
Install in the method as described below

Step1:



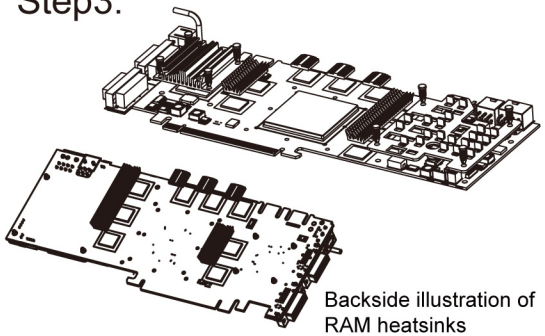
Insert the push pins through each mounting hole on the HSI heatsink and the PWN heatsink.

Step2:



Insert the four M2 screws through the holes on the bracket mount.

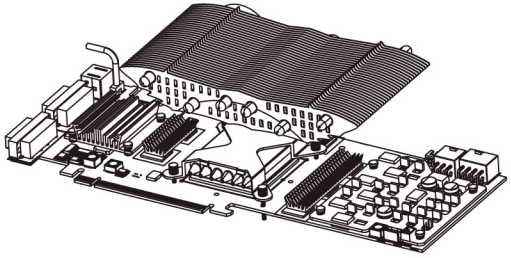
Step3:



Backside illustration of RAM heatsinks

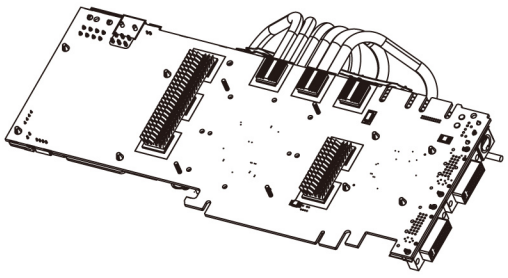
Remove stock cooling then thoroughly clean the surface of every RAM chip. **Important: if not cleaned properly, the adhesives will not stick!** After thorough cleaning, apply the appropriate heatsink to the chips. For detailed illustration please refer to the Exploded View.

Step4:



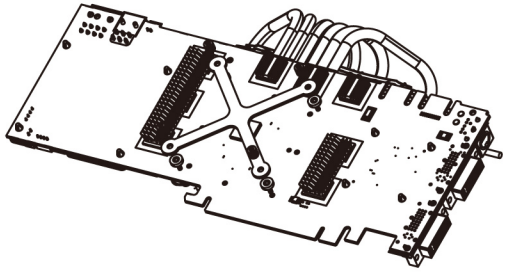
Apply an even layer of thermal paste to the surface of GPU and to the HSI chips as well as to the bottom of the heatsink base. Apply the bracket mount from Step 2 by placing it on top of the heatsink base and then place the GPU heatsink in such way as depicted in the Exploded View. Place the heatsink on top of GPU with the M2 screws through the GPU mounting holes.

Step 5:



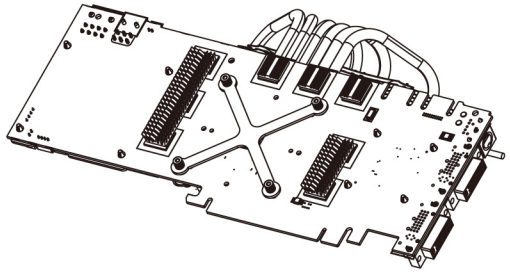
Hold the heatsink and the video card together by pressing on the heatsink base and the card. Flip over to the other side of the video card to install the cross-shaped backplate.

Step 6:



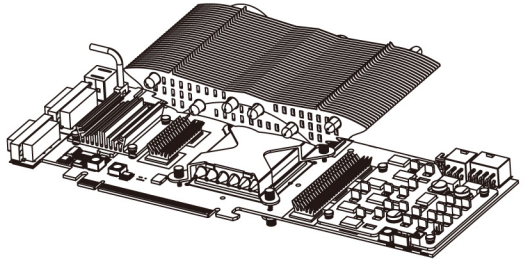
Insert washers through each of the M2 screws to prevent short circuit. Apply the thermal pad to the center of the cross-shaped backplate (on either side). Then Insert the backplate through the M2 screws.

Step 7:



Secure the heatsink in place by capping each M2 screws with the nut caps till finger tight. Do not over tighten.

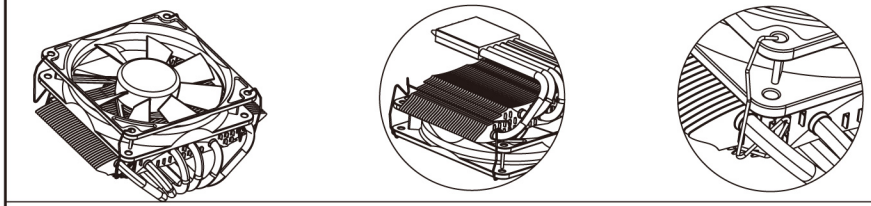
Step 8:



Installation completed.

Fan Installation

120mm-fan-installation illustration



Place a 120x25mm fan on top of heatsink. Insert each end of the fan wire clip into the fan clip hole. Pull on wire clip to hook into fan mounting holes. 120mm fan Installation completes.